Contents to Volume 39

Volume 39 No. 1 May 2001

ROBERT J. KIEBER, WILLIAM J. COOPER, JOAN D. WILLEY and G. BROOKS AVERY Jr. / Hydrogen Peroxide at the Bermuda Atlantic Time Series Station. Part I: Temporal Variability of Atmospheric Hydrogen Peroxide and Its Influence on Seawater Concentrations 1–13

J. QUESADA, D. GROSSMANN, E. FERNÁNDEZ, J. ROMERO, E. SANHUEZA, G. MOORTGAT and P. J. CRUTZEN / Ground Based Gas Phase Measurements in Surinam during the LBA-Claire 98 Experiment 15–36

OLIVER BUJOK, VICEITH TAN, ERICH KLEIN, RALF NOPPER, REIMAR BAUER, ANDREAS ENGEL, MARIE-THERES GERHARDS, ARMIN AFCHINE, DANIEL S. McKENNA, ULRICH SCHMIDT, FRANK G. WIENHOLD and HORST FISCHER / GHOST – A Novel Airborne Gas Chromatograph for In Situ Measurements of Long-Lived Tracers in the Lower Stratosphere: Method and Applications 37–64

LEONID V. KALACHEV and RICHARD J. FIELD / Reduction of a Model Describing Ozone Oscillations in the Troposphere: Example of an Algorithmic Approach to Model Reduction in Atmospheric Chemistry 65–93

Book Reviews 95–103

Volume 39 No. 2 June 2001

THOMAS A. KOVACS and WILLIAM H. BRUNE / Total OH Loss Rate Measurement 105–122

I. KILBANE-DAWE, N. R. P. HARRIS, J. A. PYLE, M. REX, A. M. LEE and M. P. CHIPPERFIELD / A Comparison of Match Ozonesonde-Derived and 3D Model Ozone Loss Rates in the Arctic Polar Vortex during the Winters of 1994/95 and 1995/96 123–138

AKINORI TAKAMI, TERUO KONDO, AZUMI KADO and SEIICHIRO KODA / The Uptake Coefficient of I_2 on Various Aqueous Surfaces 139–153

IRENA GRGIĆ and GORAZD BERČIČ / A Simple Kinetic Model for Autoxidation of S(IV) Oxides Catalyzed by Iron and/or Manganese Ions 155–170

CAMILLA BACHER, GEOFFREY S. TYNDALL and JOHN J. ORLANDO / The Atmospheric Chemistry of Glycolaldehyde 171–189

I. J. SIMPSON, J. J. COLMAN, A. L. SWANSON, A. R. BANDY, D. C. THORNTON, D. R. BLAKE and F. S. ROWLAND / Aircraft Measurements of Dimethyl Sulfide (DMS) Using a Whole Air Sampling Technique 191–213

Book Reviews 215–218

Volume 39 No. 3 July 2001

J. KESSELMEIER / Exchange of Short-Chain Oxygenated Volatile Organic Compounds (VOCs) between Plants and the Atmosphere: A Compilation of Field and Laboratory Studies 219–233

ZOLTÁN KRIVÁCSY, ANDRÁS GELENCSÉR, GYULA KISS, ERNŐ MÉSZÁROS, ÁGNES MOLNÁR, ANDRÁS HOFFER, TAMÁS MÉSZÁROS, ZSOLT SÁRVÁRI, DÓRA TEMESI, BÁLINT VARGA, URS BALTENSPERGER, STEPHAN NYEKI and ERNEST WEINGARTNER / Study on the Chemical Character of Water Soluble Organic Compounds in Fine Atmospheric Aerosol at the Jungfraujoch 235–259

CHATRAPATTY BHUGWANT and PHILIPPE BRÉMAUD / Simultaneous Measurements of Black Carbon, PM_{10}, Ozone and NO_x Variability at a Locally Polluted Island in the Southern Tropics 261–280

J. SCIARE, E. BABOUKAS and N. MIHALOPOULOS / Short-Term Variability of Atmospheric DMS and Its Oxidation Products at Amsterdam Island during Summer Time 281–302

ANDREAS ZAHN / Constraints on 2-Way Transport across the Arctic Tropopause Based on O_3, Stratospheric Tracer (SF_6) Ages, and Water Vapor Isotope (D, T) Tracers 303–325

Book Reviews 327–332

Contents to Volume 39 333–334